

I. **AMENDMENTS TO THE SPECIFICATION:**

Please delete the paragraph on page 19, lines 4-22, and replace it with the following paragraph:

In particular, the nucleotide sequence of aequorin used for the construction of PKC-aequorin probes is the following:

ATG AAG CTT TAT GAT GTT CCT GAT TAT GCT AGC CTC AAA
CTT ACA TCA GAC TTC GAC AAC CCA AGA TGG ATT GGA CGA
CAC AAG CAT ATG TTC AAT TTC CTT GAT GTC AAC CAC AAT
GGA AAA ATC TCT CTT GAC GAG ATG GTC TAC AAG GCA TCT
GAT ATT GTC ATC AAT AAC CTT GGA GCA ACA CCT GAG CAA
GCC AAA CGA CAC AAA GAT GCT GTA GAA GCC TTC TTC GGA
GGA GCT GGA ATG AAA TAT GGT GTG GAA ACT GAT TGG CCT
GCA TAT ATT GAA GGA TGG AAA AAA TTG GCT ACT GAT GAA
TTG GAG AAA TAC GCC AAA AAC GAA CCA ACG CTC ATC CGT
ATA TGG GGT GAT GCT TTG TTT GAT ATC GTT GAC AAA GAT
CAA AAT GGA GCC ATT ACA CTG GAT GAA TGG AAA GCA TAC
ACC AAA GCT GCT GGT ATC ATC CAA TCA TCA GAA GAT TGC
GAG GAA ACA TTC AGA GTG TGC GAT ATT GAT GAA AGT GGA
CAA CTC GAT GTT GAT GAG ATG ACA AGA CAA CAT TTA GGA
TTT TGG TAC ACC ATG GAT CCT GCT TGC GAA AAG CTC TAC
GGT GGA GCT GTC CCC TAA **(SEQ ID NO: 1).**

Please delete the paragraph on page 30, line 18 to page 31, line 10, and replace it with the following paragraph:

The nucleotide sequence of aequorin used for the construction of p66shc-aequorin probes is the following:

ATG AAG CTT TAT GAT GTT CCT GAT TAT GCT AGC CTC AAA
CTT ACA TCA GAC TTC GAC AAC CCA AGA TGG ATT GGA CGA
CAC AAG CAT ATG TTC AAT TTC CTT GAT GTC AAC CAC AAT
GGA AAA ATC TCT CTT GAC GAG ATG GTC TAC AAG GCA TCT
GAT ATT GTC ATC AAT AAC CTT GGA GCA ACA CCT GAG CAA
GCC AAA CGA CAC AAA GAT GCT GTA GAA GCC TTC TTC GGA
GGA GCT GGA ATG AAA TAT GGT GTG GAA ACT GAT TGG CCT
GCA TAT ATT GAA GGA TGG AAA AAA TTG GCT ACT GAT GAA
TTG GAG AAA TAC GCC AAA AAC GAA CCA ACG CTC ATC CGT
ATA TGG GGT GAT GCT TTG TTT GAT ATC GTT GAC AAA GAT
CAA AAT GGA GCC ATT ACA CTG GAT GAA TGG AAA GCA TAC
ACC AAA GCT GCT GGT ATC ATC CAA TCA TCA GAA GAT TGC
GAG GAA ACA TTC AGA GTG TGC GAT ATT GAT GAA AGT GGA
CAA CTC GAT GTT GAT GAG ATG ACA AGA CAA CAT TTA GGA
TTT TGG TAC ACC ATG GAT CCT GCT TGC GAA AAG CTC TAC
GGT GGA GCT GTC CCC TAA **(SEQ ID NO: 1)**.